

*Sub D*

(a) nucleic acid molecules which hybridize under stringent conditions to a nucleic acid molecule having a nucleotide sequence selected from the group consisting of SEQ ID NO:38 and SEQ ID NO:43, and which code for a sarcoma associated gene product,

*C L*

[(b) deletions, additions and substitutions of the nucleic acid molecules of (a), which code for a sarcoma associated gene product,]

*C L*

[(c)] (b) nucleic acid molecules that differ from the nucleic acid molecules of (a) [or (b)] in codon sequence due to the degeneracy of the genetic code, and

*C L*

[(d)] (c) complements of (a)[,] and (b) [and (c)].

*M b*

9. (amended) An isolated nucleic acid molecule selected from the group consisting of:

*C 2*

(a) a unique fragment of the nucleotide sequence set forth as nucleotides 1-1997 of SEQ ID NO:38 between 12 and 1996 nucleotides in length, which encodes a portion of SEQ ID NO:39,

*C 3*

(b) a unique fragment of the nucleotide sequence set forth as nucleotides 1-2442 of SEQ ID NO:43 between 12 and 2441 nucleotides in length, which encodes a portion of SEQ ID NO:44, and

(c) complements of (a) and (b), wherein the unique fragment excludes nucleic acid molecules completely composed of the nucleotide sequences of GenBank accession numbers U89672 or AA213817.

*C 4*

43. A kit for detecting the presence of the expression of a tumor associated polypeptide precursor encoded by SEQ ID NO:43, comprising a first isolated nucleic acid molecule consisting of a 12-32 nucleotide contiguous segment of SEQ ID NO:43, and a second isolated nucleic acid molecule consisting of a 12-32 nucleotide contiguous segment of the complement of SEQ ID NO:43, wherein the contiguous segments are nonoverlapping.

*Sub D 4*

Please add the following new claim:

60. (new) An isolated nucleic acid molecule selected from the group consisting of

(a) nucleic acid molecules which hybridize under stringent conditions to a nucleic acid molecule having a nucleotide sequence set forth as SEQ ID NO:1, and which code for a sarcoma associated gene product,